
 TRADEMARK OFFICE
 JUL 27 2004

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

PAT. DOCKET NO.

0609.4540003/TJS/FRC

APPLICATION NO.

09/972,913

FIRST NAMED INVENTOR

Bush *et al.*

FILING DATE

October 10, 2001

ART UNIT

1615

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
q/s	AAI	5,373,021	12/13/1994	Marangos			04/26/1993
	ABI	5,688,516	11/18/1997	Raad <i>et al.</i>			10/03/1994
	ACI	5,688,651	11/18/1997	Solomon			12/16/1994
	ADI	5,705,401	01/06/1998	Masters <i>et al.</i>			09/16/1994
	AEI	5,721,106	02/24/1998	Maggio <i>et al.</i>			09/12/1994
	AFI	5,980,914	11/09/1999	Gerolymatos			02/13/1998
	AGI	5,994,323	11/30/1999	Gerolymatos			02/13/1998
	AHI	6,001,852	12/14/1999	Gerolymatos			02/13/1998
	AIJ	6,323,218	11/27/2001	Bush <i>et al.</i>			03/11/1998
q/s	AJI	2002/0082273	06/27/2002	Bush <i>et al.</i>			09/21/2001
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
q/s	ALI	WO 92/18111	10/29/1992	WIPO			Yes No
	AMI	WO 93/10459	05/27/1993	WIPO			Yes No
	ANI	WO 93/24451	12/09/1993	WIPO			Yes No
	AOI	WO 94/04167	03/03/1994	WIPO			Yes No
q/s	API	WO 95/31199	11/23/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

q/s	AR	1	Assaf, S.Y., and Chung, S-H., "Release of endogenous Zn ²⁺ from brain tissue during activity," <i>Nature</i> 308:734-736, Nature Publishing Group (April 1984)				
q/s	AS	1	Atwood, C.S., <i>et al.</i> , "Dramatic Aggregation of Alzheimer A β by Cu(II) Is Induced by Conditions Representing Physiological Acidosis," <i>J. Biol. Chem.</i> 273:12817-12826, American Society for Biochemistry and Molecular Biology (May 1998)				
q/s	AT	1	Bacon, P.A., <i>et al.</i> , "Rheumatoid Disease, Amyloidosis and its Treatment with Penicillamine," <i>Eur. J. Rheum. Inflamm.</i> 2:70-74, Cameron Publishers (1979)				

EXAMINER

James H. Sheikh

DATE CONSIDERED

9/27/04

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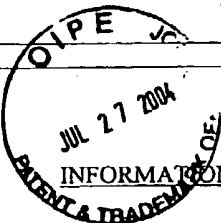
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q/s	AL2	WO 96/07096	03/07/1996	WIPO			Yes No
/	AM2	WO 96/12544	05/02/1996	WIPO			Yes No
/	AN2	WO 96/28471	09/19/1996	WIPO			Yes No
/	AO2	WO 97/04794	02/13/1997	WIPO			Yes No
q/s	AP2	WO 97/09976	03/20/1997	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

q/s	AR	2	Barrow, C.J., and Zagorski, M.G., "Solution Structures of β Peptide and Its Constituent Fragments: Relation to Amyloid Deposition," <i>Science</i> 253:179-182, American Association for the Advancement of Science (July 1991)
q/s	AS	2	Barrow, C.J., <i>et al.</i> , "Solution Conformations and Aggregational Properties of Synthetic Amyloid β -Peptides of Alzheimer's Disease," <i>J. Mol. Biol.</i> 225:1075-1093, Academic Press (June 1992)
q/s	AT	2	Basun, H., <i>et al.</i> , "Metals and trace elements in plasma and cerebrospinal fluid in normal ageing and Alzheimer's disease," <i>J. Neural Transm. [P-D Sect.]</i> 3:231-258, Springer-Verlag (1991)

EXAMINER <i>Sumera H. Sheikh</i>	DATE CONSIDERED 9/27/04
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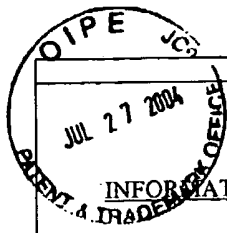
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<i>Q/S</i>	AL3	WO 97/36885	10/09/1997	WIPO			Yes No
<i>Q/S</i>	AM3	WO 98/06403	02/19/1998	WIPO			Yes No
<i>Q/S</i>	AN3	WO 98/40071	09/17/1998	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>Q/S</i>	AR	<u>3</u>	Behl, C., <i>et al.</i> , "Hydrogen Peroxide Mediates Amyloid β Protein Toxicity," <i>Cell</i> 77:817-827, Cell Press (June 1994)				
<i>Q/S</i>	AS	<u>3</u>	Biaglow, J.E., and Kachur, A.V., "The Generation of Hydroxyl Radicals in the Reaction of Molecular Oxygen with Polyphosphate Complexes of Ferrous Ion," <i>Radiat. Res.</i> 148:181-187, Kluge Carden Jennings Pub. Co. (August 1997)				
<i>Q/S</i>	AT	<u>3</u>	Boado, R.J., <i>et al.</i> , "Drug Delivery of Antisense Molecules to the Brain for Treatment of Alzheimer's Disease and Cerebral AIDS," <i>J. Pharm. Sci.</i> 87:1308-1315, American Pharmaceutical Association (November 1998)				

EXAMINER <i>Sumera H. Sheikh</i>	DATE CONSIDERED <i>9/27/04</i>
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

g/s	AR	4	Borman, S., "Diverse Strategies Emerge For Diagnosing Alzheimer's Disease," <i>Chem. Eng. News</i> 272:33-34, American Chemical Society (June 1996)
g/s	AS	4	Bruce, A.J., <i>et al.</i> , " β -Amyloid toxicity in organotypic hippocampal cultures: Protection by EUK-8, a synthetic catalytic free radical scavenger," <i>Proc. Natl. Acad. Sci. USA</i> 93:2312-2316, National Academy of Sciences (March 1996)
g/s	AT	4	Burdick, D., <i>et al.</i> , "Assembly and Aggregation Properties of Synthetic Alzheimer's A4/ β Amyloid Peptide Analogs," <i>J. Biol. Chem.</i> 267:546-554, American Society for Biochemistry and Molecular Biology (January 1992)

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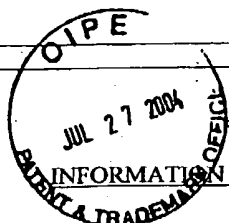
Chuneca Y. Sheikh

DATE CONSIDERED

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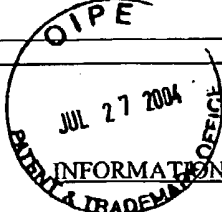
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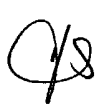
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
q/s	AR	5	Burns, J.A., <i>et al.</i> , "Selective Reduction of Disulfides by Tris(2-carboxyethyl)phosphine," <i>J. Org. Chem.</i> 56:2648-2650, American Chemical Society (April 1991)
q/s	AS	5	Busciglio, J., and Yankner, B.A., "Apoptosis and increased generation of reactive oxygen species in Down's Syndrome neurons <i>in vitro</i> ," <i>Nature</i> 378:776-779, Nature Publishing Co. (December 1995)
q/s	AT	5	Bush, A.I., <i>et al.</i> , "A Novel Zinc(II) Binding Site Modulates the Function of the β A4 Amyloid Protein Precursor of Alzheimer's Disease," <i>J. Biol. Chem.</i> 268:16109-16112, American Society for Biochemistry and Molecular Biology (August 1993)

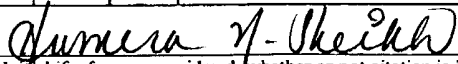
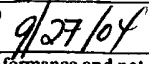
EXAMINER <i>Sumera N. Sheikh</i>	DATE CONSIDERED <i>9/27/04</i>
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small>	

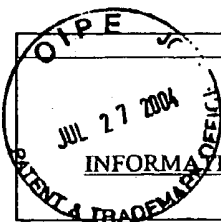
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	6	Bush, A.I., <i>et al.</i> , "Modulation of A β Adhesiveness and Secretase Site Cleavage by Zinc," <i>J. Biol. Chem.</i> 269:12152-12158, American Society for Biochemistry and Molecular Biology (April 1994)
	AS	6	Bush, A.I., <i>et al.</i> , "The Amyloid β -Protein Precursor and Its Mammalian Homologues," <i>J. Biol. Chem.</i> 269:26618-26621, American Society for Biochemistry and Molecular Biology (October 1994)
	AT	6	Bush, A.I., <i>et al.</i> , "Rapid Induction of Alzheimer A β Amyloid Formation by Zinc," <i>Science</i> 265:1464-1467, American Association for the Advancement of Science (September 1994)

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	AN						Yes
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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Q/S	AR	1	Bush, A.I., <i>et al.</i> , Response to "Zinc and Alzheimer's Disease," <i>Science</i> 268:1920-1923, American Association for the Advancement of Science (June 1995)
Q/S	AS	1	Butterfield, D.A., <i>et al.</i> , " β -Amyloid Peptide Free Radical Fragments Initiate Synaptosomal Lipoperoxidation in a Sequence-Specific Fashion: Implications to Alzheimer's Disease," <i>Biochem. Biophys. Res. Commun.</i> 200:710-715, Academic Press (April 1994)
Q/S	AT	1	Butterfield, D.A., <i>et al.</i> , " $A\beta$ (25-35) Peptide Displays H_2O_2 -Like Reactivity Towards Aqueous Fe^{2+} , Nitroxide Spin Probes, and Synaptosomal Membrane Proteins," <i>Life Sci.</i> 58:217-228, Pergamon Press (1996)

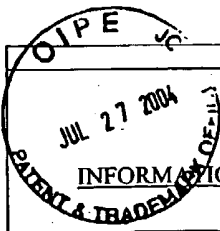
EXAMINER

Shirley M. Sheehan

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

q/s	AR	8	Cherny, R.A., <i>et al.</i> , "The Aggregation of A β in Human Brain is Mediated by Zinc," <i>Abstr. Soc. Neurosci.</i> 23:534, Society For Neuroscience (October 1997)
q/s	AS	8	Chong, Y.-H., and Suh, Y.-H., "Aggregation of amyloid precursor proteins by aluminum in vitro," <i>Brain Research</i> 670:137-141, Elsevier/North-Holland Biomedical Press (January 1995)
q/s	AT	8	Colaco, C.A.L.S., <i>et al.</i> , "The role of the Maillard reaction in other pathologies: Alzheimer's disease," <i>Nephrol. Dial. Transplant.</i> 11(Suppl. 5):7-12, Springer International (1996)

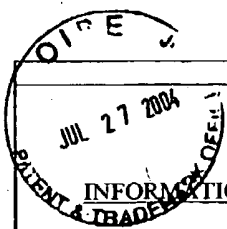
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Jumew & Shukla

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>g/s</i>	AR	2	Connor, J.R., <i>et al.</i> , "A Histochemical Study of Iron, Transferrin, and Ferritin in Alzheimer's Diseased Brains," <i>J. Neurosci. Res.</i> 31:75-83, Wiley Interscience (January 1992)
<i>g/s</i>	AS	2	Connor, J.R., <i>et al.</i> , "Ceruloplasmin levels in the human superior temporal gyrus in aging and Alzheimer's disease," <i>Neurosci. Lett.</i> 159:88-90, Elsevier/North-Holland (September 1993)
<i>g/s</i>	AT	2	Coyle, J.T., and Puttfarcken, P., "Oxidative Stress, Glutamate, and Neurodegenerative Disorders," <i>Science</i> 262:689-695, American Association for the Advancement of Science (October 1993)

EXAMINER

James H. Sheehan

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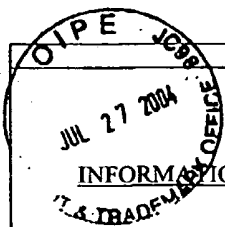
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<i>g/s</i>	AR	<u>10</u>	Crapper McLachlan, D.R., <i>et al.</i> , "Intramuscular desferrioxamine in patients with Alzheimer's disease," <i>Lancet</i> 337:1304-1308, Lancet Publishing Group (June 1991)
<i>g/s</i>	AS	<u>10</u>	Cuajungco, M.P., and Lees, G.J., "Zinc and Alzheimer's disease: is there a direct link?" <i>Brain Res. Rev.</i> 23:219-236, Elsevier Science B.V. (April 1997)
<i>g/s</i>	AT	<u>10</u>	Dedman, D.J., <i>et al.</i> , "Iron and aluminum in relation to brain ferritin in normal individuals and Alzheimer's-disease and chronic renal-dialysis patients," <i>Biochem J.</i> 287:509-514, UK Biochemical Society (1992)

EXAMINER <i>Lumina H. Sheikh</i>	DATE CONSIDERED <i>9/27/04</i>
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<i>g/s</i>	AR	<u>11</u>	Deibel, M.A., <i>et al.</i> , "Copper, iron, and zinc imbalances in severely degenerated brain regions in Alzheimer's disease: possible relation to oxidative stress," <i>J. Neurol. Sci.</i> 143:137-142, Elsevier (November 1996)
<i>g/s</i>	AS	<u>11</u>	Doré, S., <i>et al.</i> , "Insulin-like growth factor I protects and rescues hippocampal neurons against β -amyloid- and human amylin-induced toxicity," <i>Proc. Natl. Acad. Sci. USA</i> 94:4772-4777, National Academy of Sciences (April 1997)
<i>g/s</i>	AT	<u>11</u>	Dryks, T., <i>et al.</i> , "Amyloidogenicity of β A4 and β A4-bearing Amyloid Protein Precursor Fragments by Metal-catalyzed Oxidation," <i>J. Biol. Chem.</i> 267:18210-18217, American Society for Biochemistry and Molecular Biology (September 1992)

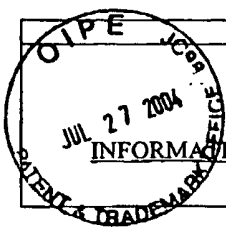
EXAMINER

Sumera H. Sheikh

DATE CONSIDERED

9/27/04

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4540003/TJS/FRC
FIRST NAMED INVENTOR
Bush *et al.*
FILING DATE
October 10, 2001

APPLICATION NO.
09/972,913
ART UNIT
1615

U.S. PATENT DOCUMENTS

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q/s	AS	12	Esler, W.P., <i>et al.</i> , "Zinc-Induced Aggregation of Human and Rat β -Amyloid Peptides In Vitro," <i>J. Neurochem.</i> 66:723-732, Blackwell Science (February 1996)
q/s	AT	12	Esler, W.P., <i>et al.</i> , "A β deposition inhibitor screen using synthetic amyloid," <i>Nat. Biotechnol.</i> 15:258-263, Nature Publishing Co. (March 1997)

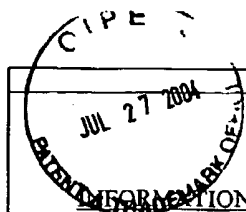
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James T. Sheehan

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<i>g/s</i>	AT	<u>13</u>	Frederikse, P.H., <i>et al.</i> , "Oxidative Stress Increases Production of β -Amyloid Precursor Protein and β -Amyloid (A β) in Mammalian Lenses, and A β Has Toxic Effects on Lens Epithelial Cells," <i>J. Biol. Chem.</i> 271:10169-10174, American Society for Biochemistry and Molecular Biology (April 1996)

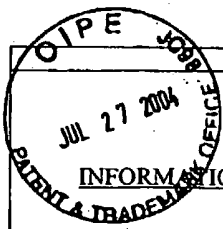
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Junea H. Sheikh

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<i>g/s</i>	AR	14	Frederickson, C.J., "Neurobiology of Zinc and Zinc-Containing Neurons," <i>Int. Rev. Neurobiol.</i> 31:145-238, Academic Press (1989)
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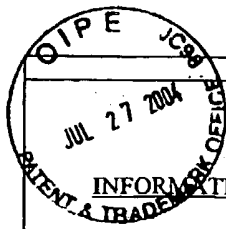
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Humera N. Sheikh

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<i>g/s</i>	AR	15	Giulian, D., <i>et al.</i> , "Specific Domains of β -Amyloid from Alzheimer Plaque Elicit Neuron Killing in Human Microglia," <i>J. Neurosci.</i> 16:6021-6037, Society for Neuroscience (October 1996)
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<i>g/s</i>	AT	15	Golde, T.E., <i>et al.</i> , "Processing of the Amyloid Protein Precursor to Potentially Amyloidogenic Derivatives," <i>Science</i> 255:728-730, American Association for the Advancement of Science (February 1992)

EXAMINER

Shironea Y. Sheikah

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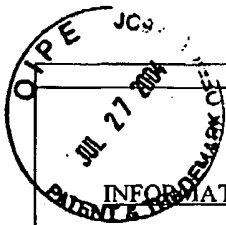
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g/s	AR	17	Gorevic, P.D., <i>et al.</i> , "The Biological Significance of Amyloid," <i>Ann. NY Acad. Sci.</i> 389:380-394, New York Academy Of Sciences (1982)
g/s	AS	17	Grundke-Iqbal, I., <i>et al.</i> , "Ferritin is a component of the neuritic (senile) plaque in Alzheimer dementia," <i>Acta Neuropathol.</i> 81:105-110, Springer Verlag (December 1990)
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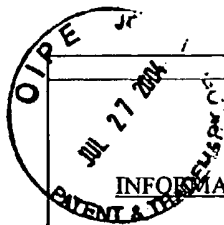
EXAMINER

Gurnee V. Pheasant

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<i>g/s</i>	AR	18	Haass, C., <i>et al.</i> , "Amyloid β -peptide is produced by cultured cells during normal metabolism," <i>Nature</i> 359:322-325, Nature Pub. Co. (September 1992)
<i>g/s</i>	AS	18	Haley, J.V., "Zinc Sulfate and Wound Healing," <i>J. Surg. Res.</i> 27:168-174, Academic Press (September 1979)
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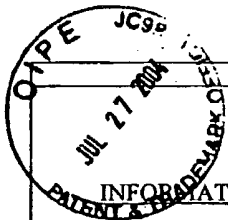
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Sumera Y. Sheikh

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EXAMINER

Shirley V. Sheikh

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g/s	AR	20	Hansen, M.B., <i>et al.</i> , "Re-examination and further development of a precise and rapid dye method for measuring cell growth/cell kill," <i>J. Immunol. Meth.</i> 119:203-210, North-Holland Pub. Co. (May 1989)
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g/s	AT	20	Harris, M.E., <i>et al.</i> , "Direct Evidence of Oxidative Injury Produced by the Alzheimer's β -Amyloid Peptide (1-40) in Cultured Hippocampal Neurons," <i>Exp. Neurol.</i> 131:193-202, Academic Press (February 1995)

EXAMINER Humea J. Phelps	DATE CONSIDERED 9/23/04
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G/S	AR	<u>21</u>	Hensley, K., <i>et al.</i> , "A model for beta-amyloid aggregation and neurotoxicity based on free radical generation by the peptide: Relevance to Alzheimer disease," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:3270-3274, National Academy of Sciences (April 1994)
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G/S	AT	<u>21</u>	Hensley, K., <i>et al.</i> , "Reactive Oxygen Species as Causal Agents in the Neurotoxicity of the Alzheimer's Disease-Associated Amyloid Beta Peptide," <i>Ann. NY Acad. Sci.</i> 786:120-134, New York Academy Of Sciences (1996)

EXAMINER Shirley M. Shickel	DATE CONSIDERED 9/27/04
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<i>g/s</i>	AR	22	Hesse, L., <i>et al.</i> , "The β A4 amyloid precursor protein binding to copper," <i>FEBS Lett.</i> 349:109-116, Elsevier Science B.V. (July 1994)
<i>g/s</i>	AS	22	Hilbich, C., <i>et al.</i> , "Aggregation and Secondary Structure of Synthetic Amyloid β A4 Peptides of Alzheimer's Disease," <i>J. Mol. Biol.</i> 218:149-163, Academic Press (March 1991)
<i>g/s</i>	AT	22	Hilbich, C., <i>et al.</i> , "Substitutions of Hydrophobic Amino Acids Reduce the Amyloidogenicity of Alzheimer's Disease β A4 Peptides," <i>J. Mol. Biol.</i> 228:460-473, Academic Press (November 1992)

EXAMINER

Humea / Sheikh

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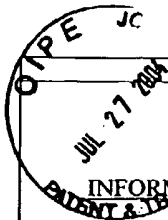
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J/S	AR	23	Hsu, J.M., <i>et al.</i> , "Zinc Deficiency and Incorporation of ¹⁴ C-labeled Methionine into Tissue Proteins in Rats," <i>J. Nutr.</i> 99:425-432, American Institute Of Nutrition (December 1969)
J/S	AS	23	Huang, X., <i>et al.</i> , "Zinc-induced Alzheimer's Aβ1-40 Aggregation Is Mediated by Conformational Factors," <i>J. Biol. Chem.</i> 272:26464-26470, American Society for Biochemistry and Molecular Biology (October 1997)
J/S	AT	23	Ida, N., <i>et al.</i> , "Analysis of Heterogeneous βA4 Peptides in Human Cerebrospinal Fluid and Blood by a Newly Developed Sensitive Western Blot Assay," <i>J. Biol. Chem.</i> 271:22908-22914, American Society for Biochemistry and Molecular Biology (September 1996)

EXAMINER <i>Shirley M. Sheikh</i>	DATE CONSIDERED 9/22/04
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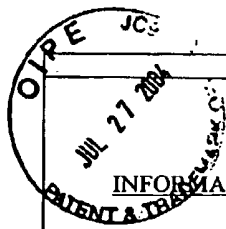
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

0609.4540003/TJS/FRC

APPLICATION NO.

09/972,913

FIRST NAMED INVENTOR

Bush *et al.*

FILING DATE

October 10, 2001

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Shirley N. Sheikh

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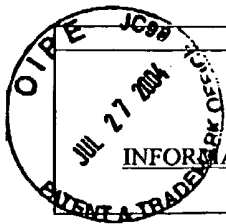
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Chunessa Y. Phue

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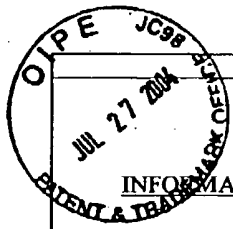
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Dunessa N. Sheikh

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Jumera Y. Sheikh

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 PATENT & INFORMATION DISCLOSURE STATEMENT

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g/s	AR	29	Lindeman, R.D., <i>et al.</i> , "Myocardial zinc metabolism in experimental myocardial infarction," <i>J. Lab. Clin. Med.</i> 81:194-204, Mosby-Year Book (February 1973)
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EXAMINER	<i>James H. Puckett</i>	DATE CONSIDERED	9/27/04
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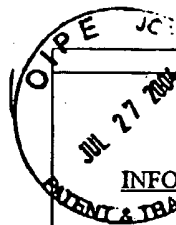
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Shumica H. Puchko

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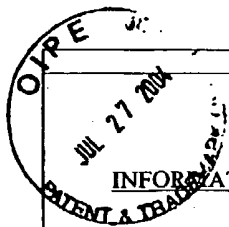
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James H. Sheikh

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<i>q/s</i>	AR	32	Maury, C.P.J., "Biology of Disease: Molecular Pathogenesis of β -Amyloidosis in Alzheimer's Disease And Other Cerebral Amyloidoses," <i>Lab. Invest.</i> 72:4-16, Lippincott Williams & Wilkins (January 1995)
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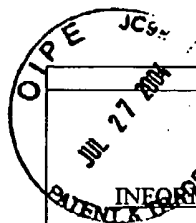
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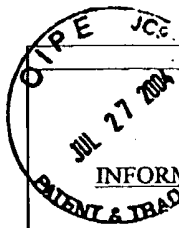
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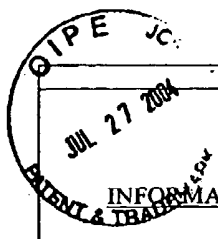
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ATTY. DOCKET NO.
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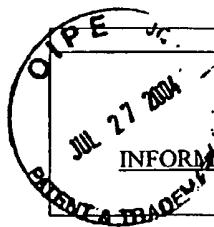
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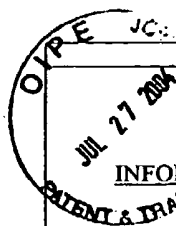
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Shirley J. Shields

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g/s	AR	40	Sadowski, M. <i>et al.</i> , "Astrocyte and microglia reaction in Alzheimer's disease in the hippocampal formation- a quantitative analysis," <i>Alzheimer's Res.</i> 1:71-76, Rapid Science Publishers (1995)
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g/s	AR	41	Schnabel, J., "New Alzheimer's Therapy Suggested," <i>Science</i> 260:1719-1720, American Association for the Advancement of Science (June 1993)
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q/s	AR	42	Seubert, P., <i>et al.</i> , "Isolation and quantification of soluble Alzheimer's β -peptide from biological fluids," <i>Nature</i> 359:325-327, Nature Pub. Co. (September 1992)
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q/s	AT	42	Shivers, B.D., <i>et al.</i> , "Alzheimer's disease amyloidogenic glycoprotein: expression pattern in rat brain suggests a role in cell contact," <i>EMBO J.</i> 7:1365-1370, Oxford University Press (1988)

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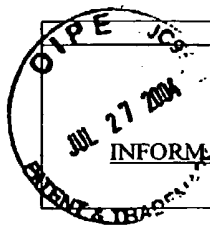
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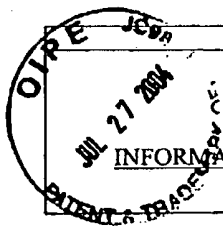
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Sumner N. (Kiehl)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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g/s	AR	49	Tateishi, J., <i>et al.</i> , "Neurotoxicity of Clioquinol. Part III: Autoradiographic Distribution of Radioactive Clioquinol in Several Species of Animals," <i>Seishin Shinkeigaku Zasshi</i> . 75:187-196, Nihon Seishin Shinkei Gakkai (1973)
g/s	AS	49	Tateishi, J., <i>et al.</i> , "Neurotoxicity of Clioquinol in Laboratory Animals," <i>Lancet</i> 2:1095, Lancet Publishing Group (November 1972)
g/s	AT	49	Teller, J.K., <i>et al.</i> , "Presence of soluble amyloid β -peptide precedes amyloid plaque formation in Down's Syndrome," <i>Nature Med.</i> 2:93-95, Nature Pub. Co. (January 1996)

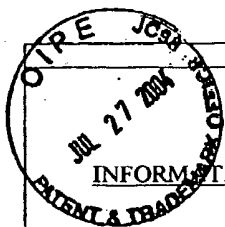
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Dumica J. McCall

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9/22/04

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

0609.4540003/TJS/FRC

APPLICATION NO.

09/972,913

FIRST NAMED INVENTOR

Bush *et al.*

FILING DATE

October 10, 2001

ART UNIT

1615

U.S. PATENT DOCUMENTS

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

q/s	AR	50	Terhune, M.W., and Sandstead, H.H., "Decreased RNA Polymerase Activity in Mammalian Zinc Deficiency," <i>Science</i> 177:68-69, American Association for the Advancement of Science (July 1972)
q/s	AS	50	Thomas, T., <i>et al.</i> , " β -Amyloid-mediated vasoactivity and vascular endothelial damage," <i>Nature</i> 380:168-171, Nature Pub. Co. (March 1996)
q/s	AT	50	Tomiyama, T., <i>et al.</i> , "Rifampicin Prevents the Aggregation and Neurotoxicity of Amyloid β Protein <i>In Vitro</i> ," <i>Biochem. Biophys. Res. Comm.</i> 204:76-83, Academic Press (October 1994)

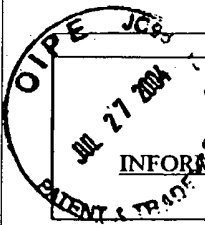
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Sumera N. Sheikh

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q/s	AR	51	Tomiyama, T., <i>et al.</i> , "Inhibition of Amyloid β Protein Aggregation and Neurotoxicity by Rifampicin," <i>J. Biol. Chem.</i> 271:6839-6844, American Society for Biochemistry and Molecular Biology (March 1996)
q/s	AS	51	Thompson, C.M. <i>et al.</i> , "Regional Brain Trace-Element Studies in Alzheimer's Disease," <i>Neurotoxicology</i> 9:1-8, Elsevier Science (1988)
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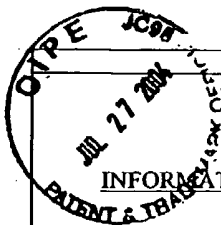
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q/s	AR	52	Treuhaft, P.S., and McCarty, D.J., "Synovial Fluid pH, lactate, Oxygen and Carbon Dioxide Partial Pressure in Various Joint Diseases," <i>Arthritis Rheum.</i> 14:475-484, Wiley-Liss (July-August 1971)
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q/s	AT	52	Warren, P.J., <i>et al.</i> , "The Distribution of Copper in Human Brain," <i>Brain</i> , 83:709-717, Oxford University Press (1960)

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Shumera Y. Sheikh

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q/s	AS	53	Wood, S.J., <i>et al.</i> , "Physical, Morphological and Functional Differences between pH 5.8 and 7.4 Aggregates of the Alzheimer's Amyloid Peptide A β ," <i>J. Mol. Biol.</i> 256:870-877, Academic Press (March 1996)
q/s	AT	53	Yates, C.M., <i>et al.</i> , "Enzyme Activities in Relation to pH and Lactate in Postmortem Brain in Alzheimer-Type and Other Dementias," <i>J. Neurochem.</i> 55:1624-1630, Blackwell Science (November 1990)

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Humera Y. Sheikh

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g/s	AR	54	Zagorski, M.G., and Barrow, C.J., "NMR Studies of Amyloid β -Peptides: Proton Assignments, Secondary Structure, and Mechanism of an α -Helix \rightarrow β -Sheet Conversion for a Homologous, 28-Residue, N-Terminal Fragment," <i>Biochemistry</i> 31:5621-5631, American Chemical Society (June 1992)
g/s	AS	54	Beal, M.F., "Energy, Oxidative Damage, and Alzheimer's Disease: Clues to the Underlying Puzzle," <i>Neurobiol. Aging</i> 15:S171-S174, Pergamon Press (1994)
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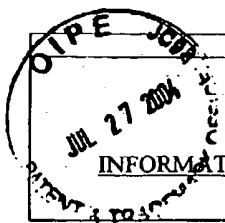
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Thomas H. Sheink

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Q/S	AR	55	Soto, C., <i>et al.</i> , "Inhibition of Alzheimer's Amyloidosis by Peptides That Prevent β -Sheet Conformation," <i>Biochem. Biophys. Res. Comm.</i> 226:672-680, Academic Press (September 1996)
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9/27/04

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